ANCHEER AMA005800

ANCHEER AMA005800 Electric Bike User Manual

Comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your ANCHEER AMA005800 Electric Bike.

Introduction | Safety Guidelines | Package Contents | Assembly | Operation | Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Introduction

Thank you for choosing the ANCHEER AMA005800 Electric Bike. This manual provides essential information for the safe and efficient use of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper assembly, operation, and maintenance are crucial for your safety and the longevity of the bike.



Image 1.1: The ANCHEER AMA005800 Electric Bike, showcasing its minimalist design.

2. Safety Guidelines

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet that meets safety standards.
- Ensure all components are securely fastened before each ride.
- Check tire pressure, brakes, and battery level before each use.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions or on slippery surfaces.

- Do not attempt to modify the bike's electrical system or motor.

3. Package Contents

Upon opening the box, please verify that all the following items are present:

- ANCHEER AMA005800 Electric Bike (80% pre-assembled)
- 36V/244Wh Battery (integrated or separate, check packaging)
- Battery Charger
- Front Wheel
- Handlebar Assembly
- Seat Post and Saddle
- Pedals (Left and Right)
- Tool Kit (for assembly)
- User Manual (this document)

If any items are missing or damaged, please contact ANCHEER customer service immediately.

4. Assembly Instructions

Your ANCHEER AMA005800 Electric Bike comes 80% pre-assembled. Follow these steps to complete the assembly:

1. **Install the Front Wheel:**

   Carefully remove the bike from its packaging. Attach the front wheel to the front fork, ensuring the disc brake rotor is correctly aligned with the caliper. Secure with the quick-release skewer or axle nuts.

   

   Image 4.1: Proper alignment of the front wheel and disc brake rotor during installation.

2. **Attach the Handlebar:**

   Insert the handlebar stem into the fork's steerer tube. Align the handlebars straight with the front wheel and tighten the stem bolts securely. Ensure brake levers and shifters are in comfortable positions.

3. **Install the Seat Post and Saddle:**

   Insert the seat post with the saddle attached into the frame's seat tube. Adjust the height for a comfortable riding position and tighten the quick-release clamp or bolt.

4. **Attach the Pedals:**

   Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the threads and screw them firmly into the crank arms.

   

   Image 4.2: Correct pedal orientation and tightening direction.

5. **Check All Fasteners:**

   Before your first ride, double-check all bolts, nuts, and quick releases to ensure they are properly tightened. Pay special attention to the wheels, handlebars, seat, and brakes.

5. Operating Instructions

5.1. Charging the Battery

Before your first ride, fully charge the battery. The 36V/244Wh battery fully recharges in approximately 3 hours.

- Locate the charging port on the bike.
- Connect the charger to the charging port, then plug the charger into a standard wall outlet.
- The charger indicator light will typically turn red during charging and green when fully charged.
- Disconnect the charger once charging is complete.



Image 5.1: Connecting the battery charger to the bike's charging port.

5.2. Powering On/Off and Digital Display

The ANCHEER AMA005800 features a clear LCD HD display for real-time information.

- **Power On:** Press and hold the power button on the display unit for a few seconds. The display will illuminate.
- **Power Off:** Press and hold the power button again until the display turns off.
- **Display Information:** The LCD HD display shows speed, battery level, and current riding mode (pedal assist level).



Image 5.2: The center-mounted LCD HD display showing speed and battery level.

5.3. Pedal Assist System (PAS)

The bike offers 5 levels of pedal assist to augment your pedaling effort.

- Use the '+' and '-' buttons on the display unit to cycle through the 5 pedal assist levels.
- Level 1 provides minimal assistance, while Level 5 provides maximum assistance, up to 20 MPH.
- The motor only engages when you are pedaling.

5.4. Gearing

The 7-speed gearing system allows you to adjust your pedaling effort for various terrains.

- Use the shifter on the handlebar to change gears.
- Shift to lower gears for climbing hills and higher gears for flat terrain or descents.
- Always shift gears while pedaling lightly to ensure smooth transitions.

5.5. Braking System

The bike is equipped with reliable front and rear disc brakes for effective stopping power.

- The right lever typically controls the rear brake, and the left lever controls the front brake.
- Apply both brakes simultaneously for optimal stopping power and control.
- Avoid sudden, hard braking, especially with the front brake, as this can cause loss of control.



Image 5.3: Close-up of the disc brake system, highlighting its components.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Tires:** Check tire pressure before each ride. Maintain pressure within the range indicated on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm, responsive stopping power. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent wear.
- **Battery Care:**
  - Store the battery in a cool, dry place when not in use.
  - Avoid fully discharging the battery frequently.
  - Charge the battery at least once every two months, even if not in use, to maintain its health.
- **General Inspection:** Periodically check all bolts, nuts, and connections for tightness. Clean the bike regularly with a damp cloth; avoid high-pressure washing directly on electrical components.

7. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on.	Battery is low or not connected; power button not pressed correctly.	Charge the battery; ensure battery is properly seated; press and hold power button firmly.
Motor not providing assistance.	Pedal assist level is 0; battery is low; sensor issue.	Increase pedal assist level; charge battery; check for loose sensor cables.
Brakes feel weak or spongy.	Brake pads worn; cable tension too loose; air in hydraulic system (if applicable).	Inspect and replace brake pads; adjust brake cable tension; consult a bike mechanic for hydraulic brake issues.
Gears are not shifting smoothly.	Derailleur out of adjustment; dirty or dry chain; bent hanger.	Clean and lubricate chain; adjust derailleur; consult a bike mechanic for bent hanger.

If you encounter issues not listed here or cannot resolve a problem, please contact ANCHEER customer service.

8. Specifications

Feature	Detail
Model Name	AMA005800
Brand	ANCHEER
Motor	300W High-Efficiency Motor
Battery	36V/244Wh Lithium-ion Battery
Charging Time	Approximately 3 hours
Max Speed	Up to 20 MPH (32 km/h)
Range per Charge	15-30 miles (24-48 km) (depending on terrain, assist level, and rider weight)

Feature	Detail
Wheel Size	700C
Brakes	Front & Rear Disc Brakes
Gears	7-Speed
Pedal Assist Levels	5 Levels
Display	Center Digital LCD HD Display

9. Warranty and Support

ANCHEER provides the following warranty and support for your AMA005800 Electric Bike:

- **Warranty:** A 1-year guarantee is provided on the motor, battery, and charger from the date of purchase.
- **Technical Support:** ANCHEER offers lifelong technical support and update services for all its products.
- **Contact:** For any questions, technical assistance, or warranty claims regarding your ANCHEER electric bike, please contact ANCHEER customer service. Refer to your purchase documentation for specific contact details or visit the official ANCHEER website.

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